## PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable to Customer No. 24498 Total Pages: 2		Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 or Fax (571)-273-2885			-1450	_	/
INSTRUCTIONS: This form should be used to appropriate. All further correspondence including indicated unless corrected below or directed other main/chance fee notifications.	r transmitting the ISSU the Patent, advance or rwise in Block 1, by (a	JE PEE and PUBLIC ders and notification ) specifying a new o	CATION FEE (if re- of maintenance fees orrespondence addre	quired). Blocks s will be mailed as; and/or (b) is	1 through 5 st 1 to the current ndicating a sepa	ould be complete correspondence ad rate "FEE ADDRI	d where idress as ESS" for
Jeseph J. Łaks Robert D. Thomson Licensing LLC 2 Independence Way, Patent Operation PO Box 5312 PRINCETON, NJ 08543	008 Shedd MA	R 0 9 2009	Note: A certificate Foc(s) Transmittal. papers. Bach addition have its own certific I hereby certify that States Postal Service addressed to the Maransmitted to the USA that have the Company of the Com	that paper, such ate of mailing of mailing of this Fee(s) Tractive with sufficient all Stop ISSUI SPTO (571) 273	as an assignment ransmission.  ailing or Transmission being to be the postage for first FEE address	nissium deposited with the class mail in an c above, or being f ite indicated below (Deposite	ng, must  c United envelope acsimile
APPLICATION NO. FILING DATE		FIRST NAMED INVEN	TOR	ATTORNEY	DOCKET NO.	CONFIRMATION	NO.
10/564,662 01/13/2006 TITLE OF INVENTION: MOTION ESTIMATION —	N WITH FAST SEARC	Peng Yin H BLOCK MATCHII	NG	PUQ -	3020 <del>9</del> -		-
APPLN. TYPE SMALL ENTITY	issub feb due	PUBLICATION FEE (	PREV. PAID ISS	SUE PEB TOT	'AL FEE(S) DUE	DATE DUI	B .
nonprovisional NO	\$1510	\$300	<b>203</b> 3	/10/2009 EFL	ORESI 000000	114 970832 <sup>09/200</sup> 1	9564662
EXAMINER ART UNIT		CLASS-SUBÇLASS		91 EC:1504 300.00 DA 83 EK:1501 1510.00 DA			
SORRELL, ERON J 2182		710-068000	<del></del> 83	FC:8001	1510.00 j 9.00 j	)A )A	
1. Change of correspondence address or indication CFR 1.363). (See address chan CFR 1.363). (See address chan Change of correspondence address (or Change Address form PTO/SB/122) attached.  Tree Address" indication (or "Fee Address") PTO/SB/47; Rev 03-02 or more recent) attached Number is required.	2. For printing on the patent front page, list  (1) the names of up to 3 registered patent attorneys or agents OR, alternatively.  (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.						
3. ASSIGNEE NAME AND RESIDENCE DATA PLEASE NOTE: Unless an assignee is identifive recordation as set forth in 37 CFR 3.11. Complet (A) NAME OF ASSIGNEE THOMSON LICENSING	ed below, no assignee dian of this form is NOT	data will appear on the substitute for filing (B) RESIDENCE: (C) Boulogne	ne patent. If an assignment. SITY and STATE OR BILLANCO	COUNTRY)	ANCE		
Please check the appropriate assignee category or c	ategories (will not be pri	nted on the patent):	Individual 🖾	Corporation or o	ther private grou	p entity Gove	rament
4a. The following fee(s) are submitted:  Solution Issue Fee  No small entity discount per Advance Order - # of Copies3	D. Payment of Fcc(s): (Please first reapply any previously puid Issue fee shown above)  ☐ A check is enclosed. ☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director is hereby authorized to charge the required fcc(s), any deficiency, or credit any overpayment, to Deposit Account Number 0.7 = 0.8.3.2 (enclose an extra copy of this form).						
<ol> <li>Change in Entity Status (from status indicated a a. Applicant claims SMALL ENTITY status.</li> </ol>		b. Applicant is no	longer claiming SMA	ALL ENTITY of	alue San 37 COI	1 17(^\(2\	
NOTE: The Issue Fee and Publication Fee (if require necess as shown by the records of the United States		from anyone other th	an the applicant; a re	gistered attorney	or agent; or the	assignee or other r	party in
Authorized Signature		omee	Date	umh a	rwq		
Typed or printed name Jeffrey M  This collection of information is required by 37 CFI in application. Confidentiality is governed by 35 U inbmitting the completed application form to the U bits form and/or suggestions for reducing this burde 30x 1450, Alexandria, Virginia 22313-1450. DO N Alexandria, Virginia 22313-1450.  Under the Paperwork Reduction Act of 1995, no per	I 1.311. The information S.C. 122 and 37 CPR 1 SPTO. Time will vary an should be sent to the OT SEND FEES OR C	o is required to obtain 14. This collection is tepending upon the in Chief Information Of OMPLETED FORMS cond to a collection of	Registration or retain a benefit by estimated to take 12 adividual case. Any officer, U.S. Patent and a TO THIS ADDRES information unless it	the public whice minutes to com- comments on the Trademark Off S. SEND TO: C	h is to file (and to the plete, including amount of time fice, U.S. Departionmissioner for OMB control no	by the USPTO to pogathering, preparir you require to coment of Commerce r Patents, P.O. Box amber.	rocess) ig. and mplete c, P.O. t 1450,

PART B - FEE(S) TRANSMITTAL Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Customer No. 24498 or Fax (571)-273-2885 Total Pages: INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission. OTRE CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 12/08/2008 Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being feetsimile transmitted to the USPTO (571) 273-2885, on the date indicated below. MAR 0.9 2009 <del>Joseph J. Laks-</del> Robert D. Shedd Thomson Licensing LLC 2 Independence Way, Patent Operations PO Box 5312 (Depositor's name) PRADE PRINCETON, NJ 08543 (Signature (Date FIRST NAMED INVENTOR CONFIRMATION NO. APPLICATION NO. FILING DATE ATTORNEY DOCKET NO. PU030209 1711 10/564.662 01/13/2006 Peng Yin TITLE OF INVENTION: MOTION ESTIMATION WITH FAST SEARCH BLOCK MATCHING SMALL ENTITY ISSUE FEE DUE PUBLICATION FEE DUE PREV. PAID ISSUE FEE TOTAL PEE(S) DUB DATE DUE APPLN. TYPE NΩ \$1510 \$300 \$1810 03/09/2009 anoisivorquon ARY UNIT CLASS-SUBCLASS BXAMINER SORRELL, ERON J 2182 710-068000 l. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). (See address change above) 2. For printing on the patent front page, list | Robert D. Shedd (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached: (2) the name of a single firm (baving as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is <u><sup>2</sup> Jeffrey M. Navon</u> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. listed, no name will be printed. 3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY) THOMSON LICENSING Boulogne-Billancourt, FRANCE Please check the appropriate assignee category or categories (will not be printed on the patent): 🔲 Individual 🖾 Corporation or other private group entity 🗀 Government 4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above) 4a. The following fee(s) are submitted: 🔯 Issue Fee A check is enclosed. Dublication Fee (No small entity discount permitted) Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number 0.7 - 0.8 3.2 (chelose an extra copy of this form). Advance Order - # of Copies \_ 5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2). NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Paton and Trademari. Office. Authorized Signature Typed or printed name Jeffrey M. Registration No. 32 711 This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce. P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.